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**KENTUCKY  
GEOLOGICAL SURVEY**

*Series No. VI  
Pamphlet No. IV*

**A BIBLIOGRAPHY  
OF THE SEVERAL  
BOOKS, REPORTS, PAPERS  
AND MAPS**

*Principally Relating to Geology*

WRITTEN AND PREPARED

*By*

**WILLIARD ROUSE JILLSON**  
Director and State Geologist



**FRANKFORT, KY.  
1924**



*The*  
*Kentucky Geological*  
*Survey*

WILLARD ROUSE JILLSON  
DIRECTOR AND STATE GEOLOGIST



SERIES SIX  
PAMPHLET FOUR

*A Bibliography*

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## PREFACE

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There is a continued demand from university and secondary school teachers, mineral operators, and others interested in the development of the natural and mineral resources of this State for an authentic and complete list of all the books, reports, papers, and maps written and prepared personally by the State Geologist. Many of these reports take up the geology of coal and oil, gas, asphalt, oil shale, fluorspar, etc., the greatest mineral assets of Kentucky. A number of these reports, due to the great demand for them, are now entirely exhausted in edition, but may be consulted in any of the large public libraries of the State. The publications not now available have been so designated on the list herewith presented, which it is hoped will be of service to the interested public.

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Director and State Geologist,  
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Frankfort, Ky.  
Oct. 1, 1924.



# BIBLIOGRAPHY

of

WILLIARD ROUSE JILLSON,

B. S., M. S., Sc. D.

1917

	Pages
1. Washington.†	
*The Volcanic Activity of Mount St. Helens and Mount Hood in Historical Time. The Geographical Review, pp. 481 485, June, 1917 .....	15
2. Oklahoma.†	
*Preliminary note on the Occurrence of Vertebrate Footprints in the Pennsylvania. The American Journal of Science, Vol. XLIV, July, 1917.....	3
3. Washington.	
*New Evidence of a recent Volcanic Eruption on Mount St. Helens, The American Journal of Science, Vol. XLIV, July 1917 .....	4

Total pages, 1917, 12.

1918

Total pages, 1918, none.

1919

4. Kentucky.†	
*The Migration of the Headwaters Divide Right Middle Creek, Floyd County, Kentucky. American Journal of Science, Vol. XLVII, January, 1919; pp. 60-64. ††Also Department of Geology and Forestry of Kentucky, Series V, Mineral and Forest Resources of Kentucky. Vol. I., No. 2, Paper No. 7, pp. 105-109, July, 1919.....	5
5. Kentucky.	
*The Used and Unused Natural Gas Fields of Eastern Kentucky and their Relation to the Present and Future Public Service Demands. Louisville Herald, February 16, 1919. Also the Oil World, Vol. 2, No. 40, March 1, 1919.....	6
6. Kentucky.	
*The Oil and Gas Industry of Kentucky. The Encyclopedia Americana, New Edition, Vol. 16, pp. 371-372, 1919. Signed Article .....	1

†This bibliographic list is arranged chronologically with the name of the State to which the report refers printed separately above the title.

†Enumeration is based on the standard 6x9 inch page.

††Exact reprints under same title, and separate maps though listed are not totaled into the enumeration of pages. Revised reprints and revised new additions are totaled.

\*Starred titles indicate that the report is exhausted in edition and not any longer available for free distribution. All of the Kentucky State published reports, though starred, may be consulted in State libraries and in many public municipal libraries in adjoining states.



	Pages
7. Kentucky.	
*Sketch of the Development of the Oil and Gas Industry in Kentucky during the past Century, 1819-1919. Department of Geology and Forestry of Kentucky, Series V, Mineral and Forest Resources of Kentucky, Vol. I., No. 1, Paper I., 1919 .....	26
8. Kentucky	
*The Used and Unused Natural Gas Fields of Eastern Kentucky and Their Relation to the Present and Future Public Service Demands (Revised to April 1, 1919.) Department of Geology and Forestry of Kentucky, Series V, Mineral and Forest Resources of Kentucky, Vol. I., Paper No. 2, 1919 .....	8
9. Kentucky.	
*A Bibliography of Kentucky Petroleum, Natural Gas, Asphalt and Oil Shale, Department of Geology and Forestry of Kentucky, Series V., Mineral and Forest Resources of Kentucky, Vol. I., No. 1, Paper No. 3, 1919.....	7
10. Kentucky.	
*Structural Deformation and Its Relation to Proven Oil and Gas Accumulation in Eastern Kentucky. Department of Geology and Forestry of Kentucky, Series V., Mineral and Forest Resources of Kentucky, Vol. I., No. 2, Paper No. I., 1919 .....	11
11. Kentucky.	
*The Status of the Mauch Chunk in the Southeastern Part of Kentucky as a Producer of Petroleum and Natural Gas. Department of Geology and Forestry of Kentucky, Series V., Mineral and Forest Resources of Kentucky, Vol. I., No. 2, Paper No. 4, 1919.....	11
12. Kentucky.	
*The Kendrick Shale—A New Calcareous Fossil Horizon in The Coal Measures of Eastern Kentucky. Department of Geology and Forestry of Kentucky, Series V., Mineral and Forest Resources of Kentucky, Vol. I., No. 2, Paper No. 6, 1919 .....	9
13. Kentucky.	
*Low Sulphur Coals of Kentucky. Department of Geology and Forestry of Kentucky, Series V., Mineral and Forest Resources of Kentucky, Vol. I., No. 2, Paper No. 8, 1919. Also A. I. M. M. E. Bull. 153, September, 1919.....	5

	Pages
14. Kentucky.	
*The New Oil and Gas Pools of Allen County. Department of Geology and Forestry of Kentucky, Series V., Mineral and Forest Resources of Kentucky, Vol. I., No. 2, Paper No. 10, July, 1919. Also The Oil World (Lexington, Kentucky), Vol. 3, No. 11, pp. 2, 3, 6 and 7, August 16, 1919. Also (Abstracted) The Courier-Journal, Louisville, Kentucky, Vol. CXXXI, New Series, No. 18, 491, Section I., Paper 3 (4 illustrations), Sunday, August 17, 1919. Also National Petroleum News, October 1, 1919, pp. 67-76, and one map.....	24
15. Kentucky—(Book)	
*The Oil and Gas Resources of Kentucky. Department of Geology and Forestry of Kentucky, Series V., Bull. I., green linen binding, 630 pages, 1919, First Edition 3,000.....	630
16. Kentucky.—(Book)	
*The Geology and Coals of Stinking Creek, Knox County, Kentucky. (With James M. Hodge.) Department of Geology and Forestry of Kentucky, Series V., Bull. No. 3, Green linen binding, Edition of 500, 1919.....	103
17. Kentucky.	
*The 1919 Oil Output in Kentucky. Petroleum Magazine (Steger Building, Chicago, Illinois), Vol. VII., No. 3, pp. 154, July, 1919.....	2
18. Kentucky.	
*A Bibliography of the Coals of Kentucky. Department of Geology and Forestry of Kentucky, Series V., Mineral and Forest Resources of Kentucky, Vol. I., No. 3, 1919.....	17
19. Kentucky.	
*The Production of Coal in Kentucky, Department of Geology and Forestry of Kentucky, Series V., Mineral and Forest Resources of Kentucky, Vol. I., No. 3, 1919. Also Louisville Courier-Journal, Sunday Magazine Section, Vol. CXXI, New Series, No. 18, 603, pp. 8, 9 and 12, eight illustrations, December 7, 1919.....	19
20. Kentucky.	
*Kentucky Petroleum—Its History and Present Status, Kentucky State Historical Society, The Register, Vol. 17, No. 51, pp. 45-49, September, 1919.....	5



21.	<b>Kentucky.</b> *The Oil and Gas Geology of Breathitt and Knott Counties. Department of Geology and Forestry of Kentucky, Series V., Mineral and Forest Resources of Kentucky, Vol. I., No. 3, 1919 .....	Pages 42
22.	<b>Kentucky.</b> *The Re-born Oil Fields of Kentucky. Kentucky State Historical Society, The Register, Vol. XVIII, No. 52, pp. 33-43, five plates, January, 1920. Also, Louisville Courier-Journal, Sunday Magazine Section, Vol. CXXXI., New Series No. 18, 554, pp. 8, 9, 14 and 15, and 12 illustrations, October 19, 1919, also Petroleum (monthly), Vol. VIII., also No. 2, pp. 79, 80, 83, 177, 178, December, 1919.....	10
23.	<b>Kentucky.</b> *Pay Oil Sands of Eastern Kentucky. Department of Geology and Forestry of Kentucky, Series V., Mineral and Forest Resources of Kentucky, Vol. I., No. 3, 1919.....	34
24.	<b>Kentucky.</b> *The Wier Sand—A Newly Recognized Oil Horizon in Eastern Kentucky. Department of Geology and Forestry of Kentucky, Series V., Mineral and Forest Resources of Kentucky, Vol. I., No. 3, 1919.....	13
25.	<b>Kentucky.</b> *The New Oil and Gas Pools of Warren County, Kentucky. Department of Geology and Forestry of Kentucky, Series V., Mineral and Forest Resources of Kentucky, Vol. I., No. 3, 1919 .....	29
26.	<b>Kentucky.</b> New Fossil Invertebrates from a new Fossil Horizon in the Coal Measures of Eastern Kentucky. (Abstract): Science, new ser., Vol. 50, p. 95, July 25th, 1919; also p. 68, Vol. I, Transactions of the Kentucky Academy of Science, 1924 .....	2
27.	<b>Kentucky.</b> Map Packet, 1919. Department of Geology and Forestry of Kentucky, Series V. Contains 8 maps. The following 4 were prepared by W. R. Jillson: (1) Oil and Gas Pool and Pipe Lines of Kentucky (small scale); (2) Oil and Gas Map of Warren County (Scale, 1 inch equals 2 miles); (3) Kentucky-Appalachian Oil and Gas Fields (small scale); (4) Geologic Map of Kentucky (small scale).	
28.	<b>Kentucky.—(Book)</b> The Oil and Gas Resources of Kentucky. Private Edition.	

(Second Edition). Blue cloth and gold. Autographed cover, 630 pages, 1919. State Journal Press..... 630

**Total pages published, 1919, 1,647.**

## 1920

29.	<b>Kentucky.</b> *A Mauch Chunk Island in the Mississippian Seas of Eastern Kentucky. Abstract Science, 1920. Paper presented before Geol. Sc. Am. Assn. Adv. Sc., Dec. 30, 1919, St. Louis. Refers to Structural Geology of Johnson and Magoffin Counties, Ky. ....	1
30.	<b>Kentucky.</b> *Kentucky Leads in Local Deposits of Material for Road Building. Lexington Herald, Monday, April 26, 1920, and Tuesday, May 18, 1920. Discusses Deposits of Rock Asphalt in Kentucky .....	4
31.	<b>Kentucky.</b> *The Possible Nucleus of A New Kentucky Oil Pool—Western Green County. The Oil World, Vol. 3, No. 52, June 5, 1920. Lexington Herald, No. 151, May 30, 1920.....	4
32.	<b>Kentucky.—(Book)</b> Contributions to Kentucky Geology. Department of Geology and Forestry of Kentucky. Series V., Bull. IV., linen bound, 266 pages, Edition 2,000, 1920. This book is a compiled reprint of all of the shorter separate reports written by the State Geologist during 1919 and published in the serial, Mineral and Forest Resources of Kentucky. Fifteen separate papers and reports are included.....	266
33.	<b>Kentucky.</b> *River and Forest Trails in Western Kentucky. The Louisville Courier-Journal, Louisville, Kentucky, Vol. CXXXII., New Series No. 18, 862, Sunday Mag. Section, pp. 8, 9, 15. Eight illustrations. Aug. 22, 1920.....	10
34.	<b>Kentucky.</b> *Geologic Map of Kentucky. The Kentucky Geological Survey, Series VI., Edition of 2,000. Scale, 1 inch=10 miles. Areal geology shown in standard colors, oil and gas pools and pipe lines; Eastern and Western Coal Fields. Oct. 1, 1920.	
35.	<b>Kentucky.—(Book)</b> The Oil and Gas Resources of Kentucky. Kentucky Geological Survey, Series VI. Completely revised reprint of Series V., Bull. No. 1, green linen binding, 630 pages, Third edition 3,000. 1920 .....	630



36. **Kentucky.**  
\*Geological Problems in the Recovery of Oil and Gas in Kentucky. Bull. Am. Assn. Petroleum Geologists, Vol. 4, No. 3, pp. 303-312 ..... 10
37. **Kentucky.—(Book)**  
\*Songs and Satires; A Chronology of Youthful Rhymes and Verse. First Edition. The C. T. Dearing Co. Press, Louisville, Ky. 1 photo. illus., full red leather and gold..... 68
- Total pages published, 1920; 993.

## 1921

38. **Kentucky.—(Book)**  
\*Economic Papers on Kentucky Geology. Kentucky Geological Survey, Series VI., Vol. II. Blue cloth and gold. Contains the following separate papers, and reports. (37 to 50 inclu.) front and index only..... 20
39. **Kentucky.**  
\*A Preliminary Report on the Oil Shales of Kentucky, Ky. Geol. Survey, Series VI., Vol. II., Paper No. 1..... 37
40. **Kentucky.**  
\*Kentucky Rock Asphalt—The Ideal Road Surface, Ky., Geol. Survey, Series VI., Vol. II., Paper No. 2..... 20
41. **Kentucky.**  
\*Geological Problems in the Recovery of Oil and Gas in Kentucky. Revised Reprint from Bull. Am. Assn. Petroleum Geologist, Vol. 4, No. 3, pp. 303-312. 1920, also Ky. Geol. Survey, Series VI., Vol. II., Paper No. 3..... 12
42. **Kentucky.**  
\*The Production of Kentucky Crude Oil. Ky. Geol. Survey, Series VI., Vol. II., Paper No. 4..... 45
43. **Kentucky.**  
\*The Value and Direction of State Geological Surveys. Ky. Geol. Survey, Series VI., Vol. II., Paper No. 5..... 8
44. **Kentucky.**  
\*River and Forest Trails in Western Kentucky. Ky. Geol. Survey, Series VI., Vol. II., Paper No. 6..... 19
45. **Kentucky.**  
\*The Ultimate Source of Kentucky Crudes. Ky. Geol. Survey, Series VI., Vol. II., No. 7..... 13
46. **Kentucky.**  
\*Production of Fluorspar in Western Kentucky. Ky. Geol. Survey, Series VI., Vol. II., Paper No. 8..... 17

47. **Kentucky.**  
\*Geology of Oil and Gas in Grayson County. Ky. Geol. Survey, Series VI., Vol. II., Paper No. 9..... 50
48. **Kentucky.**  
\*A Mauch Chunk Island in The Mississippian Seas of Eastern Kentucky. Original paper from which No. 28 was abstracted. Ky. Geol. Survey, Series VI., Vol. II., Paper No. 10 ..... 5
49. **Kentucky.**  
\*The Sandy Hook Anticline—A Newly Discovered Oil and Gas Structure in Elliott County, Ky. Ky. Geol. Survey, Series VI., Vol. II., Paper No. 11..... 37
50. **Kentucky.**  
\*The Campbellsville Anticline in Taylor County, Ky. Ky. Geol. Survey, Series VI., Vol. II., Paper No. 12..... 15
51. **Kentucky.**  
\*Paint Creek-Pirate. Ky. Geol. Survey, Series VI., Vol. II., Paper No. 13 ..... 8
52. **Kentucky.**  
\*The Old Kentucky Home. The Kentucky Historical Society, The Register, Vol. 19, No. 56, May, 1921, pp. 3-8, 2 illus. .... 6
53. **Kentucky.**  
\*Oil Shales of Kentucky. Read before Annual Conv. Am. Assn. Petroleum Geologist Tulsa, Okla., Feb. 18, 1921. Pub. by Louisville Courier-Journal, Sunday Magazine section, Vol. CXXXIII., New Series No. 19, 107, pp. 7-12, 3 illustrations, Sunday, April 24, 1921, also Oil News, Vol. 10, No. 3, Feb. 5, 1922, Galesburg, Ill., pp. 36-37..... 10
54. **Kentucky.—(Book)**  
\*The Production of Eastern Kentucky Crude Oils. Cumberland Pipe Line Co., pub.; State Journal Co., printer, Frankfort, Ky. Dated April 15, 1921. Edition partly in full red leather and gold, and partly white paper cover. 100 pp., map two colors ..... 100
55. **Washington.**  
\*Physiographic Effects of the Volcanism of Mt. St. Helens. Geographical Review, Am. Geog. Soc., Vol. XI., No. 3, July, 1921, pp. 398-405, inclu. 5 photo. illus., 1 topo. map..... 8
56. **Kentucky.**  
A History of the Kentucky Geological Survey. The Register of the Kentucky State Historical Society, Vol. 19, No. 57, Sept., 1921, pp. 90-112, three portrait plates includ. frontispiece ..... 25



57. **Kentucky.—(Book)**  
 \*Edwin P. Morrow—Kentuckian.—A Contemporaneous Biographical Sketch. Pub. C. T. Dearing Co., Louisville. 12 Photos; illustration, Autographed Portrait; 151 pp. Dec. 1921. .... 151
58. **Kentucky.—(Book)**  
 \*The Sixth Geological Survey, Kentucky Geological Survey, Series VI, Vol. VI. (Administrative Report), Blue Cloth and Gold. Dec., 1921 ..... 34  
 Within this volume under separate title are printed the following papers 58 to 63, inclusive.
59. **Kentucky.**  
 Geology and Coals of the Middle Fork of the Kentucky River near Buckhorn in Perry and Breathitt Counties, Ky., Geological Survey. Series VI., Vol. VI., No. III. Dec., 1921... 48
60. **Kentucky.**  
 A New Method of Producing Crude Oil in Kentucky. Ky. Geol. Survey, Series VI., Vol. VI., No. V., Dec., 1921; also Petroleum World (Los Angeles, Cal.), Vol. VII., No. 4, pp. 4, 22 and 24; 2 plates, April, 1922 ..... 6
61. **Kentucky.**  
 Oil and Gas Possibilities of "The Jackson Purchase" Region. Ky. Geol. Survey, Series VI., Vol. VI., No. VII. Dec., 1921. .... 30
62. **Kentucky.**  
 Drainage Problems in Kentucky. Ky. Geol. Survey, Series VI., Vol. VI., No. IX. Dec., 1921 ..... 25
63. **Kentucky.**  
 Recent Mineral Production in Kentucky. Ky. Geol. Survey, Series VI., Vol. VI., No. X. Dec., 1921..... 7  
 Also Lexington (Ky.) Herald, Anniversary Section, p. 9, No. 29. Sunday, Jan. 29, 1922.
64. **Kentucky.**  
 The Region About Frankfort. Ky. Geol. Survey, Series VI., Vol. VI., No. XI. Dec., 1921..... 14
- Total pages published, 1921, 772.

## 1922

65. **Kentucky.**  
 A History of the Coal Industry in Kentucky. Register of the Kentucky State Historical Society, Vol. 20, No. 58, pp.

- 21-45, 5 photo. illus. Jan. 1922. Also a short excerpted article Louisville Herald, Vol. LXXXIX., No. 136, Part IV., Page 14-D. Sunday, Nov. 13, 1921..... 24
66. **Kentucky.—(Book)**  
 The Conservation of Natural Gas in Kentucky. 44 Photographs, Maps and Diagrams, 152 pp. 1st edition, blue cloth and gold. John P. Morton and Co., Louisville, Ky., Jan., 1922 ..... 152
67. **Kentucky.—(Book)**  
 \*The Coal Industry in Kentucky. 10 photo illus. 1 map, 87 pp. Black cloth and gold. (No. 64 revised and expanded). The State Journal Co., Frankfort, Ky., Jan., 1922..... 87
68. **Kentucky.**  
 \*Thoughts on Evolution. Lexington (Ky.) Herald, 52d yr. No. 39. p. 5, 2 cols. Feb. 8, 1922. Also printed as a separate by The State Journal Co., Frankfort, Ky. 1922..... 6
69. **Kentucky.—(Book)**  
 Oil Field Stratigraphy of Kentucky. 35 photographs, maps, and diagrams. 738 pp. Ky. Geol. Survey, Series VI., Vol. III. Blue cloth and gold. May, 1922..... 738
70. **Kentucky.**  
 Oil and Gas in the Big Sandy Valley. Ashland Daily Independent. Vol. XXVII, No. 103, p. 13, Thursday evening, Apr. 27, 1922; also Ky. State Historical Society, The Register, Vol. 20, No. 59, pp. 191-193, May, 1922..... 3
71. **Kentucky.**  
 The Discovery of Kentucky. 1 map, 13 pp., Ky. State Historical Society, The Register, Vol. 20, No. 59, pp. 117-129, May, 1922 ..... 13
72. **Kentucky.**  
 First Explorations of Daniel Boone in Kentucky. 2 photo. plates, 3 pp., Ky. State Historical Soc., The Register, Vol. 20, No. 59, pp. 204-206, May, 1922..... 3
73. **Kentucky.**  
 Carbon Black Industry in Kentucky. The Pan-American Geologist. Vol. XXXVIII, No. 1, p. 18. Aug., 1922..... 1
74. **Kentucky.**  
 Coal Fields of Kentucky. The Pan-American Geologist, Vol. XXXVIII, No. 1, pp. 88-89. Aug., 1922..... 1



75. **Kentucky.**  
The Big Sandy Valley. The Register, Vol. 20, No. 60, Ky. State Historical Society, pp. 227-259. Sept., 1922..... 32
76. **Kentucky.**  
An Historical Sketch of the Kentucky Geological Survey (1838-1922) Chapt. LXVIII, Vol. II., pp. 1031-1034. History of Kentucky, Kerr, Am. Hist. Soc., Chicago, 1922 ..... 4  
Total pages published, 1922, 1,064.

## 1923

77. **Oregon.**  
A Bibliography of the Geology and Paleontology of the John Day Region—Oregon. 102 titles, State Journal Co., Frankfort, Ky., 1923 ..... 13
78. **Kentucky.**  
A Bibliography of the Mammoth Cave of Kentucky (Ninety-six titles) Kentucky Geological Survey, Series VI., Vol. X, pp. 149-156, June, 1923..... 8
79. **Tennessee.**  
Emory River Overthrust of East Tennessee, The Pan-American Geologist, Vol. XXXIX, No. 5, pp. 373-378, pls. XXVIII, XXIX. (Map and illustrations) June, 1923..... 5
80. **Kentucky.—Map**  
Geologic Map of Kentucky showing oil and gas pools and pipelines and the eastern and western coal fields. Geologic and developmental data prepared by the Kentucky Geological Survey and revised, expanded, and corrected to January, 1923, by Willard Rouse Jillson. Base computed and drafted in 1917, by Lucien M. Sellier. Scale: 1 in.=10 mi. 25¼x43 in. Aug., 1923..... 1
81. **Kentucky—West Virginia.**  
The Haddix-Coalburg geosyncline. (Abstract) Science. Vol. LVIII, No. 1497, p. 184, Sept. 7, 1923; also pp. 144, 145, Vol. I. Transactions of the Kentucky Academy of Science, 1924 ..... 3
82. **Kentucky.**  
Land of Ten Thousand Sinks (Abstract) Science. Vol. LVIII, No. 1497, p. 184, Sept. 7, 1923; also p. 143, 144, Vol. I., Transactions of the Kentucky Academy of Science, 1924..... 3
83. **Kentucky.**  
A Gigantic Slate Slide; Science. Vol. LVIII., No. 1497, p. 184, Sept. 7, 1923; also in Ky. Academy of Science Transactions, Vol. I., p. 146, 1924..... 2

84. **Kentucky.**  
Elihu Barker Map of Kentucky. Register of the Kentucky State Historical Society, Vol. 21, No. 63 (Supplement) pp. 332 and 333 (accompanied by the Barker map reproduced) Sept., 1923 ..... 2
85. **Tennessee.**  
New Tennessee Oil Pool, 3 Illustrations, 1 map. pp. 197-202, Pan-American Geologist. Vol. XL, Oct., 1923; also reprinted in Oil and Gas Journal, Tulsa, Oklahoma, Vol. 22, No. 25, pp. 74 and 100, Nov. 15, 1923..... 7
86. **Kentucky—Virginia—West Virginia.**  
The Big Sandy Valley—A Regional History prior to 1850. Eighteen illustrations and maps, green cloth and gold. J. P. Morton & Company, Louisville, Ky., 1923..... 183
87. **Kentucky.**  
Administrative Report for the (Sixth) Kentucky Geological Survey (years 1922-1923) Kentucky Geological Survey, Series VI. 1 Topographic Index Map of Kentucky and 1 index to county geographical, economic, and geologic maps 1923 ..... 30
88. **Tennessee.**  
Unique Devonian Sandbar. 3 illustrations, 1 map. pp. 333-337. Pan-American Geologist, Vol. XL, No. 5, Dec., 1923.... 6  
Total pages published, 1923, 263.

## 1924

89. **General.**  
Principal Scientific Achievements of the Year 1923. 11 pp. Roberts Press, Frankfort, Ky. First edition, Feb. 1, 1924, second edition, Aug. 1, 1924..... 11
90. **Tennessee.**  
Geology of Harpeth River, Tenn. Area. 1 geological map. 58 and 70. The Oil and Gas Journal, Vol. 23, No. 6, Jan. 10, 1924 ..... 2
91. **Kentucky.**  
Fault Pattern of Kentucky. pp. 31, 32. The Pan-American Geologist. Vol. XLI, No. 1, Feb., 1924..... 2
92. **Kentucky.**  
New Relief Map of Kentucky. pp. 75, 76. The Pan-American Geologist. Vol. XLI, No. 1, Feb., 1924..... 2



93. Kentucky. Geological Research in Kentucky. Kentucky Geological Survey. Series VI., Vol. XV. Blue Cloth and gold. Ten photographic illustrations, March, 1924.....	228
94. Kentucky. Kentucky Cannel Coals. pp. 97-98. The Pan-American Geologist, Vol. XLI, No. 2, March, 1924.....	2
95. Kentucky. "The Medley"—Kentucky's First Magazine. 1 illustration of title page of "The Medley," pp. 192-194. The Register of the Kentucky State Historical Society, Frankfort, Ky., Vol. 22, No. 65, May, 1924.....	4
96. Kentucky. Primeval Tracts in Kentucky. pp. 169-175, 3 photographic illustrations, Pan-American Geologist, Vol. XLI, No. 3, April, 1924 .....	7
97. Kentucky. A Mica Deposit in Eastern Kentucky. p. 71. Vol. I. Transactions Kentucky Academy of Science, 1924.....	1
98. Kentucky. Asphalt Coal. pp. 78-81. Vol. I. Transactions Kentucky Academy of Science, 1924.....	4
99. Kentucky. The Occurrence of Cretaceous Sediments Between the Cumberland and Tennessee Rivers in Western Kentucky. pp. 81-83, Vol. I. Transactions of the Kentucky Academy of Science, 1924 .....	3
100. Kentucky. Depletion of Kentucky Crude Oils, pp. 122-127, Vol. I., Transactions Kentucky Academy of Science, 1924.....	6
101. Kentucky. Transactions of the Kentucky Academy of Science, Vol. I. (1914-1923) (Editor) pp. 156, 6 illustrations. Kentucky Academy of Science, Lexington, Ky., 1924.....	156
102. Kentucky. Kentucky Rock Asphalt, pp. 251-258, 6 illustrations, 1 map, Pan-American Geologist, Vol. XLI., No. 4, May, 1924.....	7
103. Kentucky. Glacial Pebbles in Eastern Kentucky. pp. 101-102. Science, New Series, Vol. LX, No. 1544, Aug., 1924.....	2

104. Kentucky. American Karst Country, pp. 37-44, four plates, three maps, five illustrations. Pan-American Geologist, Vol. XLII., No. 1, August, 1924 .....	8
105. Kentucky. Glaciation in Eastern Kentucky, pp. 125-132, 6 illustrations, 1 map. Pan-American Geologist, Vol. XLII, No. 2, Sept., 1924 .....	7
106. Kentucky. Early Political Papers of Governor James Turner Morehead, pp. 272-300. 1 portrait and signature Gov. Morehead, 1 illustration of page "Mea Scripta," The Register, Vol. 22, No. 66. Kentucky State Historical Society, September, 1924 .....	28
107. Kentucky.—(Book) Kentucky State Parks, 92 pp., 33 illustrations. Kentucky Geological Survey, Frankfort, Ky., 1924.....	92
108. Kentucky.—(Book) The Coal Industry in Kentucky, 164 pp., 42 illustrations. Kentucky Geological Survey, Series VI., Vol. 20, Second edition of No. 67, completely revised, rewritten and expanded, Frankfort, Kentucky, 1924.....	164

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Total pages published, 1917.....	12
Total pages published, 1918.....	00
Total pages published, 1919.....	1647
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